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TEXTILE ORGANON

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Highlights

- Capacity Utilization Review...begins on page 3.
- Annual Shipment Summary...see page 10.
- Worldwide Net Available Supply...begins on page 14.

SHIPMENTS:

In December, total manufactured fiber shipments reached 799 million pounds, 4% above the 769 million pounds shipped in November. For the year 1988 total manufactured fiber shipments were 9150 million pounds, ahead 2% over the previous period.

December shipments of noncellulosic filament yarn rose 3% to 362 million pounds and staple+tow rose 5% to 389 million pounds.

Contributing to the increase in shipments over the previous month were polyester textile yarn up 15 million pounds or 18% and polyester staple up 23 million pounds or 11%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1988 DEC	1988 NOV	% CHG 12-88/11-88	1987 DEC	% CHG 12-88/12-87	YEAR TO DATE 1988	YEAR TO DATE 1987	% CHG YTD 1988/1987
CELLULOSIC								
YARN	20.0	17.0	*+17.6*	18.9	*+5.8*	216.7	191.7	*+13.0*
RAYON STAPLE	28.0	29.1	*-3.8*	36.6	*-23.5*	406.5	415.5	*-2.2*
TOTAL CELLULOSIC	**48.0**	**46.1**	***4.1***	**55.5**	***-13.5***	**623.2**	**607.2**	***+2.6***
NONCELLULOSIC								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	31.4	33.7	*-6.8*	30.4	*+3.3*	375.2	373.4	*+0.5*
- CARPET	76.2	82.2	*-7.3*	72.0	*+5.8*	976.2	941.6	*+3.7*
- TEXTILE[a]	36.7	34.0	*+7.9*	31.1	*+18.0*	386.9	378.8	*+2.1*
POLYESTER - INDUSTRIAL	31.3	28.7	*+9.1*	28.8	*+8.7*	358.7	338.8	*+5.9*
- TEXTILE[a]	93.5	79.0	*+18.4*	67.4	*+38.7*	871.9	841.5	*+3.6*
OLEFIN	93.0	95.6	*-2.7*	109.7	*-15.2*	1191.3	1143.8	*+4.2*
TOTAL YARN	**362.1**	**353.2**	***+2.5***	**339.4**	***+6.7***	**4160.2**	**4017.9**	***+3.5***
STAPLE+TOW+FIBERFILL								
NYLON	78.0	77.9	*0.1*	66.1	*+18.0*	963.9	985.5	*-2.2*
ACRYLIC+MODACRYLIC	49.1	50.1	*-2.0*	52.0	*-5.6*	590.2	594.4	*-0.7*
POLYESTER	232.4	209.0	*+11.2*	209.2	*+11.1*	2449.1	2369.2	*+3.4*
OLEFIN	29.5	33.0	*-10.6*	30.9	*-4.5*	363.7	363.9	*-0.1*
TOTAL STAPLE	**389.0**	**370.0**	***+5.1***	**358.2**	***+8.6***	**4366.9**	**4313.0**	***+1.2***
TOTAL NONCELLULOSIC	**751.1**	**723.2**	***+3.9***	**697.6**	***+7.7***	**8527.1**	**8330.9**	***+2.4***
TOTAL MANUFACTURED FIBER	**799.1**	**769.3**	***+3.9***	**753.1**	***+6.1***	**9150.3**	**8938.1**	***+2.4***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS[b]	738.7	708.4	*+4.3*	687.7	*+7.4*	8529.8	8371.6	*+1.9*
EXPORTS[c]	60.4	60.9	*-0.8*	65.4	*-7.6*	620.5	566.5	*+9.5*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

Textile Organon

A Monthly Review

JANUARY 1989

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CAPACITY UTILIZATION REVIEW

***Editor's Note** : This issue features production, producing capacity and capacity utilization in the industry from 1978 to 1988. Capacity utilization rates are based on production and capacity sizes. Thus, a utilization rate can be raised by an increase in production, a decrease in capacity or a combination of these two.*

During this period, several notable trends surfaced. The growth of noncellulosic fiber production from 1978 (an increase of 9% by 1988) and a decline of cellulosic fiber production (a decline of 32% by 1988). During the same time, capacity for noncellulosic fiber remained virtually unchanged (9.6 billion pounds in 1988), while capacity for cellulosic fiber declined by 34%.

This report presents data in six tables and four graphs: Review of Production, Producing Capacity & Capacity Utilization; Summary of Annual Production (1978-1988); Summary of Producing Capacities (1978-1988); Summary of Capacity Utilization Rates (1978-1988); Production of Noncellulosic & Cellulosic Fibers as a Percentage of Total Manufactured Fiber Production; and Producing Capacity of Noncellulosic & Cellulosic Fibers as a Percentage of Total Manufactured Fiber Capacity. Graphs show noncellulosic fiber production, capacity & capacity utilization, and also capacity & production trends of nylon carpet yarn, polyester textile yarn and polyester staple+tow.

The Review of Production, Producing Capacity & Capacity Utilization at the bottom of this page, ties the three major components of this report - production, producing capacity and capacity utilization - into one table for easy reference.

For this report, Textile Economics Bureau **November** capacity survey data are used as the annual capacity figures. The Total Noncellulosic data in this report do not include Glass Fiber or miscellaneous fibers such as spandex and saran.

TABLE 2:
REVIEW OF PRODUCTION, PRODUCING CAPACITY & CAPACITY UTILIZATION [a]
MILLION POUNDS & *PERCENT*

FIBER TYPE	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
NONCELLULOSIC											
PRODUCTION	7768	8418	7874	7985	6442	7534	7473	7564	7828	8316	8489
CAPACITY	9555	9784	9627	9696	9334	9274	9460	9558	9207	9350	9592
UTILIZATION (%)	*81.3*	*86.0*	*81.8*	*82.4*	*69.0*	*81.2*	*79.0*	*79.1*	*85.0*	*88.9*	*88.5*
CELLULOSIC											
PRODUCTION	905	930	806	770	584	640	628	558	619	605	614
CAPACITY	1086	1109	909	898	895	845	845	784	709	709	713
UTILIZATION (%)	*83.3*	*83.9*	*88.7*	*85.7*	*65.3*	*75.7*	*74.3*	*71.2*	*87.3*	*85.3*	*86.1*
TOTAL MANUFACTURED FIBERS											
PRODUCTION	8673	9348	8680	8755	7026	8174	8101	8122	8447	8921	9103
CAPACITY	10641	10893	10536	10594	10229	10119	10305	10342	9916	10059	10305
UTILIZATION (%)	*81.5*	*85.8*	*82.4*	*82.6*	*68.7*	*80.8*	*78.6*	*78.5*	*85.2*	*88.7*	*88.3*

a. Does not include data for Glass Fiber, saran, spandex, Aramid after 1982 or Vinyon after 1986.

TABLE 3:
SUMMARY OF ANNUAL PRODUCTION
MILLION POUNDS

YEAR	CELLULOSIC FIBERS						TOTAL CELL.
	FILAMENT YARN+MONOFIL			STAPLE+TOW			
	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1978	62	301	363	535	7	542	905
1979	57	317	374	549	7	556	930
1980	47	309	356	443	7	450	806
1981	48	257	305	461	4	465	770
1982	33	195	228	355	1	356	584
1983	36	228	264	375	1	376	640
1984	41	198	239	389	+	389	628
1985	b	b	205	b	b	353	558
1986	b	b	215	b	b	404	619
1987	b	b	191	b	b	414	605
1988	b	b	214	b	b	400	614

YEAR	NONCELLULOSIC FIBERS														TOTAL NON-CELL.
	YARN+MONOFILAMENTS									STAPLE+TOW					
	NYLON+ARAMID [a]				POLYESTER			OLEFIN	TOTAL YARN	NYLON+ ARAMID [a]	POLY-ESTER	ACRYLIC+ MODACR	OLEFIN+ VINYON [c]	TOTAL STAPLE	
	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL								
1978	438	503	713	1654	355	1209	1564	597	3815	896	2236	726	95	3953	7768
1979	499	528	755	1782	373	1342	1715	639	4136	939	2462	761	120	4282	8418
1980	437	466	728	1631	286	1176	1462	632	3725	727	2527	779	116	4149	7874
1981	410	461	710	1581	309	1260	1569	643	3793	752	2607	691	142	4192	7985
1982	315	354	573	1242	292	921	1213	585	3040	685	1955	624	138	3402	6442
1983	315	415	762	1492	299	1060	1359	716	3567	926	2184	671	186	3967	7534
1984	379	394	804	1577	316	884	1200	748	3525	835	2192	671	250	3948	7473
1985	343	353	819	1515	294	1027	1321	954	3790	828	2020	631	295	3774	7564
1986	339	360	907	1606	319	854	1173	1058	3837	908	2132	616	335	3991	7828
1987	364	381	952	1697	337	842	1179	1134	4010	992	2362	592	360	4306	8316
1988	377	382	968	1727	366	861	1227	1192	4146	939	2452	588	364	4343	8489

a. Data since 1982 do not include Aramid.
b. Detail withheld due to company disclosure.
c. Data for Vinyon not included after 1986.

Rayon yarn includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments.

Acetate includes diacetate and triacetate. The acetate staple+tow data do not include tow for cigarette filtration.

Olefin includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

TABLE 4:
SUMMARY OF PRODUCING CAPACITIES
MILLION POUNDS

YEAR[a]	CELLULOSIC FIBERS: FILAMENT YARN+MONOFIL: RAYON	ACETATE	TOTAL	STAPLE+TOW: RAYON	ACETATE	TOTAL	TOTAL CELL.
1978	83	330	413	665	8	673	1086
1979	75	355	430	671	8	679	1109
1980	63	324	387	514	8	522	909
1981	52	332	384	509	5	514	898
1982	63	318	381	510	4	514	895
1983	63	268	331	510	4	514	845
1984	63	268	331	510	4	514	845
1985	b	b	269	510	5	515	784
1986	b	b	244	b	b	465	709
1987	b	b	244	b	b	465	709
1988	b	b	244	b	b	469	713

YEAR[a]	NONCELLULOSIC FIBERS: YARN+MONOFILAMENTS: NYLON+ARAMID[c] IND	TEX	CARP	TOTAL	POLYESTER IND	TEX	TOTAL	OLEFIN	TOTAL YARN	STAPLE+TOW: NYLON+ ARAMID[c]	POLY- ESTER	ACRYLIC+ MODACR	OLEFIN+ VINYON[d]	TOTAL STAPLE	TOTAL NON- CELL.	GLASS FIBER
1978	510	565	908	1983	443	1643	2086	915	4984	1023	2554	865	129	4571	9555	1118
1979	513	579	950	2042	443	1699	2142	922	5106	1020	2673	839	146	4678	9784	1305
1980	515	551	910	1976	400	1637	2037	900	4913	991	2759	830	134	4714	9627	1473
1981	514	553	893	1960	316	1481	1797	989	4746	1010	2839	835	266	4950	9696	1561
1982	474	513	925	1912	338	1265	1603	1038	4553	978	2700	832	271	4781	9334	1718
1983	440	494	907	1841	337	1170	1507	1099	4447	1017	2704	826	280	4827	9274	1618
1984	437	470	926	1833	342	1162	1504	1142	4479	1054	2784	807	336	4981	9460	1743
1985	437	466	965	1868	374	1097	1471	1329	4668	1067	2785	631	407	4890	9558	1769
1986	435	398	964	1797	401	1021	1422	1326	4545	1077	2491	637	457	4662	9207	1763
1987	418	404	1005	1827	399	929	1328	1402	4557	1137	2522	652	482	4793	9350	1642
1988	421	423	1053	1897	408	968	1376	1470	4743	1137	2584	642	486	4849	9592	1729

a. **All annual capacity data are as of November of that year.**
b. Detail withheld due to disclosure.
c. Data since 1982 do not include Aramid.
d. Data for Vinyon not included after 1986.

The data do not include acetate tow for cigarette filtration.

IND means industrial yarn and monofil, i.e., coarser than 500 denier with an Instron tenacity of 7 grams or more per denier.

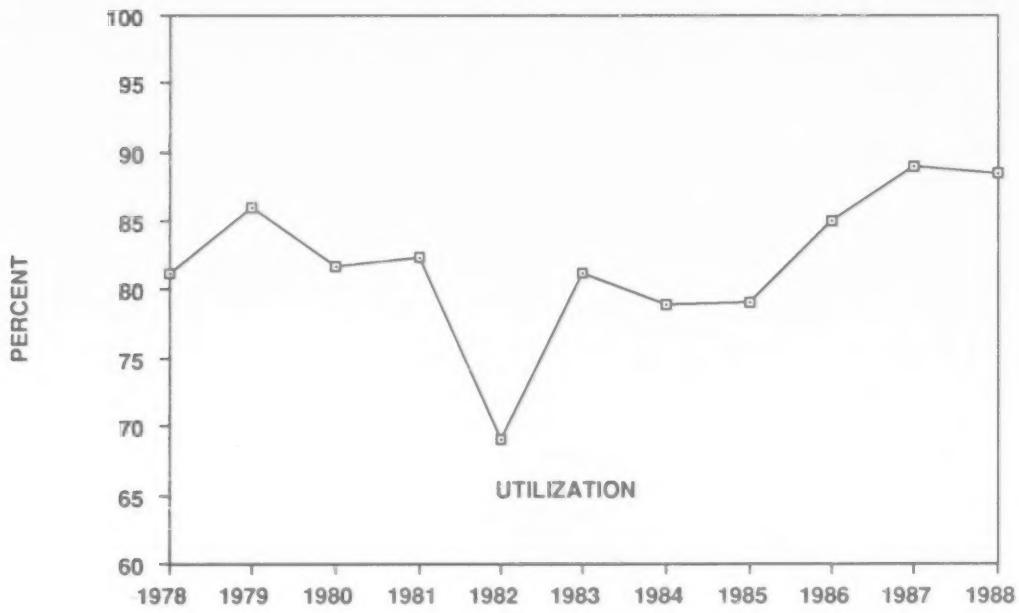
CARP means bulked continuous filament yarn for carpets.

TEX means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

Olefin includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles and film fiber used for decorative or tying ribbon, etc. Olefin monofil includes the circular and rectangular ribbon cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated film.

For the purposes of this report, capacity data for miscellaneous fibers, such as saran and spandex, are not included.

GRAPH 1:
NONCELLULOSIC FIBER PRODUCTION, CAPACITY & CAPACITY UTILIZATION



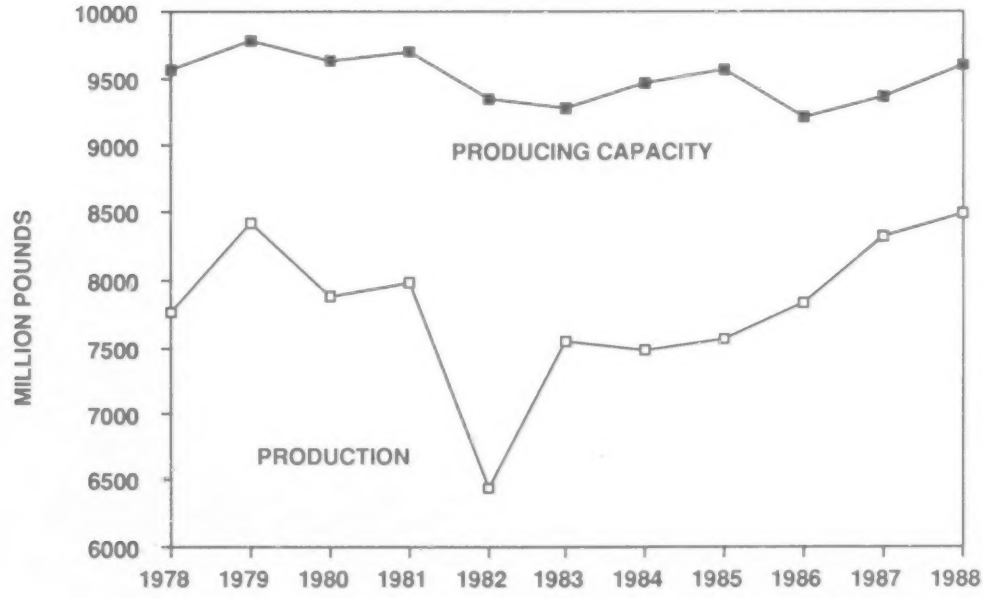


TABLE 5:
SUMMARY OF CAPACITY UTILIZATION RATES
PERCENT (%)

	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL
YEAR	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	CELL.
1978	74.7	91.2	87.9	80.5	87.5	80.5	83.3
1979	76.0	89.3	87.0	81.8	87.5	81.9	83.9
1980	74.6	95.4	92.0	86.2	87.5	86.2	88.7
1981	92.3	77.4	79.4	90.6	80.0	90.5	85.7
1982	52.4	61.3	59.8	69.6	25.0	69.3	65.3
1983	57.1	85.1	79.8	73.5	25.0	73.2	75.7
1984	65.1	73.9	72.2	b	b	75.7	74.3
1985	b	b	76.2	b	b	68.5	71.2
1986	b	b	88.1	b	b	86.9	87.3
1987	b	b	78.3	b	b	89.0	85.3
1988	b	b	87.7	b	b	85.3	86.1

	NONCELLULOSIC FIBERS [c]													
	YARN+MONOFILAMENTS									STAPLE+TOW					TOTAL
	NYLON+ARAMID [a]				POLYESTER					NYLON+	POLY-	ACRYLIC+	OLEFIN+	TOTAL	NON-
YEAR	IND	TEX	CARP	TOTAL	IND	TEX	TOTAL	OLEFIN	TOTAL YARN	ARAMID [a]	ESTER	MODACR	VINYON [d]	STAPLE	CELL.
1978	85.9	89.0	78.5	83.4	80.1	73.6	75.0	65.2	76.5	87.6	87.5	83.9	73.6	86.5	81.3
1979	97.3	91.2	79.5	87.3	84.2	79.0	80.1	69.3	81.0	92.1	92.1	90.7	82.2	91.5	86.0
1980	84.9	84.6	80.0	82.5	71.5	71.8	71.8	70.2	75.8	73.4	91.6	93.9	86.6	88.0	81.8
1981	79.8	83.4	79.5	80.7	97.8	85.1	87.3	65.0	79.9	74.5	91.8	82.8	53.4	84.7	82.4
1982	66.5	69.0	61.9	65.0	86.4	72.8	75.7	56.4	66.8	70.0	72.4	75.0	50.9	71.2	69.0
1983	71.6	84.0	84.0	81.0	88.7	90.6	90.2	65.2	80.2	91.1	80.8	81.2	66.4	82.2	81.2
1984	86.7	83.8	86.8	86.0	92.4	76.1	79.8	65.5	78.7	79.2	78.7	83.1	74.4	79.3	79.0
1985	78.5	75.8	84.9	81.1	78.6	93.6	89.8	71.8	81.2	77.6	72.5	100.0	72.5	77.2	79.1
1986	77.9	90.5	94.1	89.4	79.6	83.6	82.5	79.8	84.4	84.3	85.6	96.7	73.3	85.6	85.0
1987	87.1	94.3	94.7	92.9	84.5	90.6	88.8	80.9	88.0	87.2	93.7	90.8	74.7	89.8	88.9
1988	89.5	90.3	91.9	91.0	89.7	88.9	89.2	81.1	87.4	82.6	94.9	91.6	74.9	89.6	88.5

All percentages based on data in the tables on pages 4 and 5.

a. Data since 1982 do not include Aramid.

b. Detail withheld due to company disclosure.

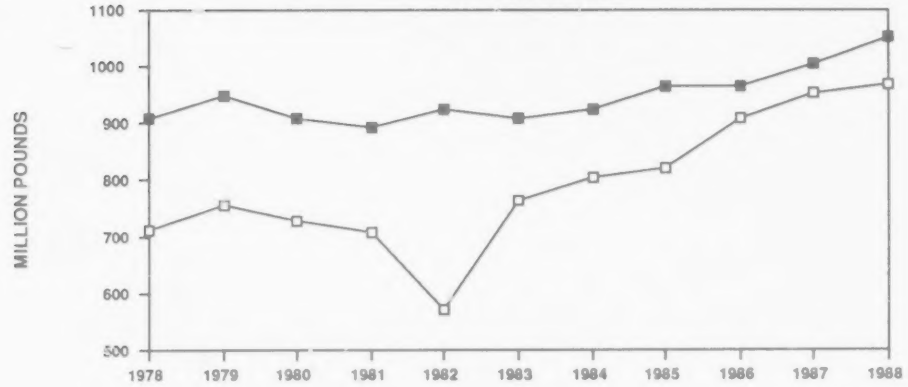
c. Data on Glass Fiber are no longer available due to company disclosure. The series including Glass Fiber was last published in the January 1984 issue.

d. Data for Vinyon not included after1986

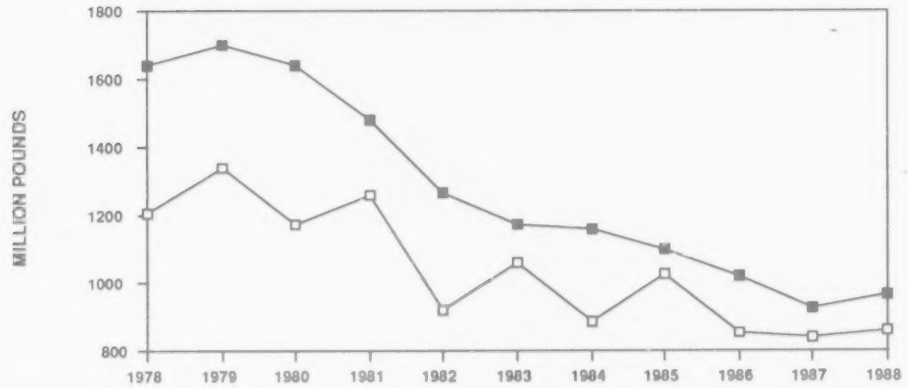
DU PONT TO BUY HERCULES CARPET FIBER BUSINESS

Hercules has agreed to sell its polypropylene carpet filament fiber production to Du Pont. For three to five years Hercules will continue to produce the fiber for Du Pont. After that time, expanded Du Pont capacity will support forecasted sales. Hercules retains its Oxford, GA fiber plant and its upholstery and wall covering fibers business. Hercules also announced that it has started designing a new 25 million pound/year polypropylene tow plant for cigarette filters. The site for this facility hasn't been chosen, and it may be located outside of the U.S. (Hercules news release)

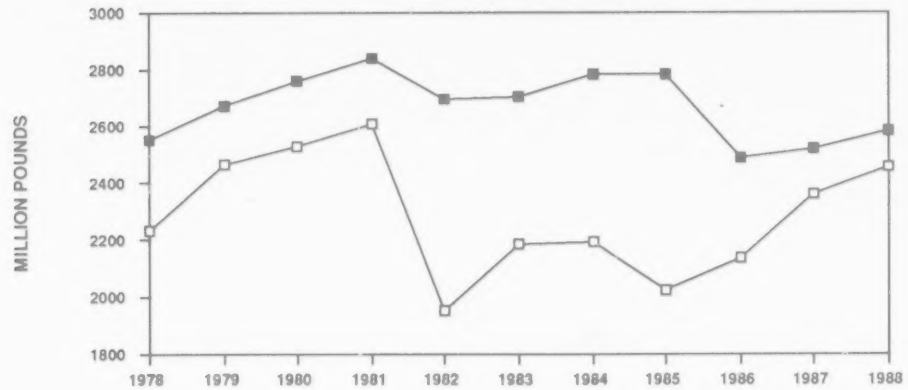
GRAPH 2:
NYLON CARPET YARN CAPACITY & PRODUCTION
MILLION POUNDS



GRAPH 3:
POLYESTER TEXTILE YARN CAPACITY & PRODUCTION [a]
MILLION POUNDS



GRAPH 4:
POLYESTER STAPLE+TOW CAPACITY & PRODUCTION
MILLION POUNDS



a. Includes low denier industrial.

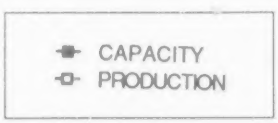


TABLE 6:
PRODUCTION OF NONCELLULOSIC & CELLULOSIC FIBERS[a]
AS A PERCENTAGE OF TOTAL MANUFACTURED FIBER PRODUCTION
MILLION POUNDS & *PERCENT*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	TOTAL MANUFACTURED FIBER	%
1978	7783	*89.6*	905	*10.4*	8688	*100.0*
1979	8436	*90.1*	930	*9.9*	9366	*100.0*
1980	7893	*90.7*	806	*9.3*	8699	*100.0*
1981	8006	*91.2*	770	*8.8*	8776	*100.0*
1982	6460	*91.7*	584	*8.3*	7044	*100.0*
1983	7538	*92.2*	640	*7.8*	8178	*100.0*
1984	7472	*92.2*	628	*7.8*	8100	*100.0*
1985	7564	*93.1*	558	*6.9*	8122	*100.0*
1986	7828	*92.7*	619	*7.3*	8447	*100.0*
1987	8316	*93.2*	605	*6.8*	8921	*100.0*
1988	8489	*93.3*	614	*6.7*	9103	*100.0*

a. Data on Glass Fiber are no longer available due to company disclosure.
The series including Glass Fiber was last published in the January 1984 issue.

TABLE 7:
PRODUCING CAPACITY OF NONCELLULOSIC & CELLULOSIC FIBERS[a]
AS A PERCENTAGE OF TOTAL MANUFACTURED FIBER CAPACITY
MILLION POUNDS *& PERCENT*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	TOTAL MANUFACTURED FIBER	%
1978	9555	*89.8*	1086	*10.2*	10641	*100.0*
1979	9784	*89.8*	1109	*10.2*	10893	*100.0*
1980	9627	*91.4*	909	*8.6*	10536	*100.0*
1981	9696	*91.5*	898	*8.5*	10594	*100.0*
1982	9334	*91.3*	895	*8.7*	10229	*100.0*
1983	9274	*91.6*	845	*8.4*	10119	*100.0*
1984	9460	*91.8*	845	*8.2*	10305	*100.0*
1985	9558	*92.4*	784	*7.6*	10342	*100.0*
1986	9207	*92.8*	709	*7.2*	9916	*100.0*
1987	9350	*93.0*	709	*7.0*	10059	*100.0*
1988	9592	*93.1*	713	*6.9*	10305	*100.0*

a. Data on Glass Fiber are no longer available due to company disclosure.
The series including Glass Fiber was last published in the January 1984 issue.

GRAPH 5:
TOTAL MANUFACTURED FIBER PRODUCTION & SHIPMENTS
MILLION POUNDS

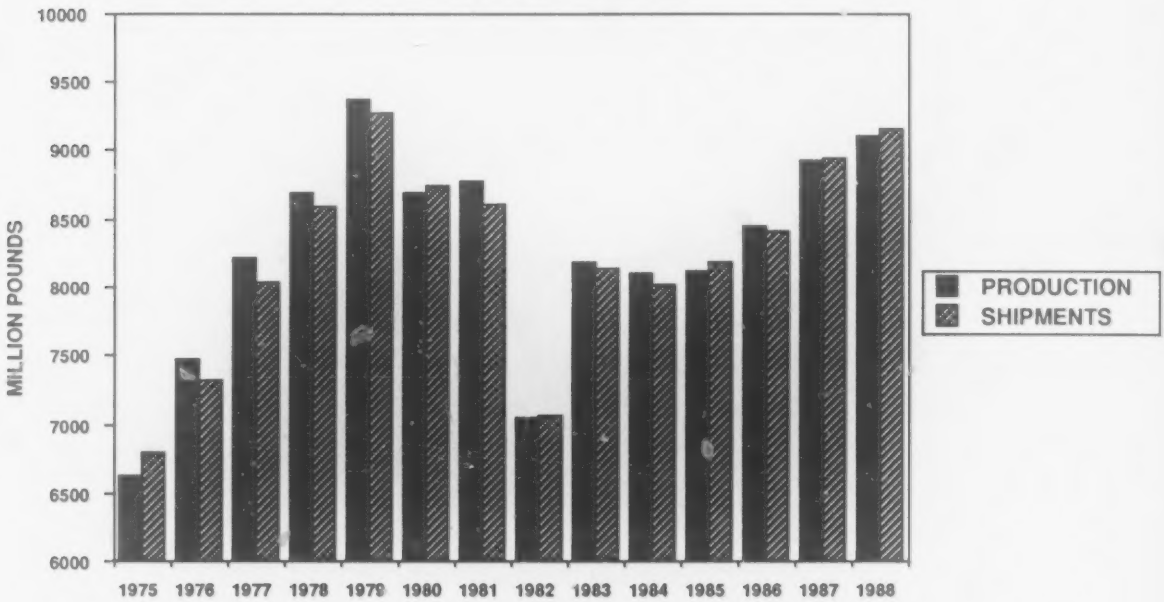


TABLE 8:
TOTAL MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1988	1987	% CHG. 1988/1987	1986	% CHG. 1988/1986	1985	% CHG. 1988/1985
CELLULOSIC							
YARN	216.7	191.7	*+13.0*	212.3	*+2.1*	210.1	*+2.1*
RAYON STAPLE	406.5	415.5	*-2.2*	403.8	*+0.7*	358.7	*+0.7*
TOTAL CELLULOSIC	**623.2**	**607.2**	*+2.6*	**616.1**	*+1.2*	**568.8**	*+1.2*
NONCELLULOSIC							
YARN+MONOFILAMENTS							
NYLON - INDUSTRIAL	375.2	373.4	*+0.5*	333.4	*+12.5*	345.1	*+12.5*
- CARPET	976.2	941.6	*+3.7*	898.5	*+8.6*	835.4	*+8.6*
- TEXTILE [a]	386.9	378.8	*+2.1*	360.5	*+7.3*	355.3	*+7.3*
POLYESTER - INDUSTRIAL	358.7	338.8	*+5.9*	313.9	*+14.3*	292.1	*+14.3*
- TEXTILE [a]	871.9	841.5	*+3.6*	855.8	*+1.9*	1020.4	*+1.9*
OLEFIN	1191.3	1143.8	*+4.2*	1059.7	*+12.4*	951.1	*+12.4*
TOTAL YARN	**4160.2**	**4017.9**	*+3.5*	**3821.8**	*+8.9*	**3799.4**	*+8.9*
STAPLE+TOW+FIBERFILL							
NYLON	963.9	985.5	*-2.2*	908.2	*+6.1*	843.6	*+6.1*
ACRYLIC+MODACRYLIC	590.2	594.4	*-0.7*	614.1	*-3.9*	643.8	*-3.9*
POLYESTER	2449.1	2369.2	*+3.4*	2123.4	*+15.3*	2038.6	*+15.3*
OLEFIN+VINYON [b]	363.7	363.9	*-0.1*	331.5	*+9.7*	288.2	*+9.7*
TOTAL STAPLE	**4366.9**	**4313.0**	*+1.2*	**3977.2**	*+9.8*	**3814.2**	*+9.8*
TOTAL NONCELLULOSIC	**8527.1**	**8330.9**	*+2.4*	**7799.0**	*+9.3*	**7613.6**	*+9.3*
TOTAL MANUFACTURED FIBER	**9150.3**	**8938.1**	*+2.4*	**8415.1**	*+8.7*	**8182.4**	*+8.7*

a. Includes low denier industrial yarn.
b. Excludes Vinyon after 1986.

TABLE 9:
SELECTED U.S. MANUFACTURED FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRIA	0	0	0	0	0	0	0	0	0	0	0		0	244
BRAZIL	54	0	28	55	28	13	69	29	36	36	28		376	584
CANADA	426	481	507	292	592	827	427	739	779	767	722		6559	2819
GERMANY, FED. REP. OF	353	635	281	227	388	313	358	355	315	336	732		4293	4491
JAPAN	277	131	45	121	62	63	54	17	27	34	69		900	580
MEXICO	62	53	18	81	70	68	115	86	114	46	26		739	592
NETHERLANDS	190	229	228	289	142	104	176	218	266	73	271		2186	1033
ALL OTHER COUNTRIES [a]	11	1	21	67	44	178	35	86	109	12	173		737	315
TOTAL CELLULOSIC YARN	**1373**	**1530**	**1128**	**1132**	**1326**	**1566**	**1234**	**1530**	**1646**	**1304**	**2021**		**15790**	**10658**
CELLULOSIC STAPLE+TOW														
CANADA	1088	774	974	797	1355	1551	1309	2131	1880	1604	1888		15351	10600
ITALY	34	73	19	0	33	0	39	32	0	64	33		327	724
JAPAN	99	0	91	46	37	68	101	45	237	347	195		1266	962
SWEDEN	0	41	45	0	20	0	0	0	0	0	0		106	329
UNITED KINGDOM	12	0	79	54	0	24	113	50	40	21	41		434	324
ALL OTHER COUNTRIES [b]	3	2	10	51	43	+	70	2	0	1	0		182	126
TOTAL CELLULOSIC STAPLE+TOW	**1236**	**890**	**1218**	**948**	**1488**	**1643**	**1632**	**2260**	**2157**	**2037**	**2157**		**17666**	**13065**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
BELGIUM	1436	1117	1665	894	172	530	803	630	1016	1089	769		10121	11313
BRAZIL	0	7	0	199	169	109	92	203	80	322	71		1252	19
CANADA	1448	1872	2178	2156	2451	1677	1568	2139	1766	2038	1996		21289	16399
COSTA RICA	606	570	382	533	514	523	692	442	606	390	623		5881	6245
DENMARK	0	0	0	0	61	30	60	0	30	30	60		271	215
FRANCE	767	588	723	338	272	588	642	960	410	326	473		6087	5423
GERMANY, FED. REP. OF	1074	1355	1543	1078	1495	1270	1130	1342	1408	1115	1119		13929	21655
IRELAND	37	34	74	114	150	78	192	114	138	118	157		1206	448
ISRAEL	388	309	176	304	182	254	273	281	208	208	191		2774	2451
ITALY	761	811	407	1678	941	412	1403	829	1051	747	732		9772	12022
JAPAN	648	212	444	277	282	338	304	337	328	311	282		3763	6611
KOREA, REP. OF	3	23	33	63	0	40	1	0	0	0	0		163	403
MEXICO	1428	2004	1582	978	1622	1660	1545	1659	1758	1657	1943		17836	18747
NETHERLANDS	49	42	26	31	57	4	16	10	116	25	37		413	1039
ROMANIA	12	58	41	160	122	519	0	0	0	0	0		912	166
SINGAPORE	81	41	44	19	34	35	23	23	23	44	23		390	430
TAIWAN	12	36	12	53	69	34	70	103	164	103	64		720	611
UNITED KINGDOM	676	753	684	632	917	751	819	1050	731	680	1163		8856	7838
ALL OTHER COUNTRIES [c]	192	168	185	58	54	156	149	283	167	214	131		1757	2287
TOTAL NONCELLULOSIC YARN	**9618**	**10000**	**10199**	**9565**	**9564**	**9008**	**9782**	**10405**	**10000**	**9417**	**9834**		**107392**	**114322**
NONCELLULOSIC STAPLE+TOW														
AUSTRIA	601	727	752	1321	296	481	506	867	270	471	235		6527	2175
AUSTRALIA	38	0	36	19	0	164	46	18	19	70	51		461	262
BELGIUM	35	0	18	18	634	0	18	193	10	0	39		965	179
BRAZIL	0	0	0	0	0	0	0	0	0	0	140		140	1673
CANADA	2003	2183	2981	2720	2797	2353	2353	2020	2692	2590	2195		26887	27788
FRANCE	934	799	800	957	1257	934	826	1220	675	926	881		10209	7290
GERMANY, FED. REP. OF	2738	3040	2503	2478	3319	2475	2793	3377	2357	2381	2639		30100	30062
INDIA	0	0	0	5	2575	2050	1556	2239	1068	1070	0		10563	1
IRELAND	80	123	162	325	406	240	362	201	312	376	148		2735	1579
ITALY	130	362	145	241	5	37	44	190	85	65	118		1422	12454
JAPAN	1963	2057	1894	2166	1912	3095	1771	3016	2187	2926	2566		25553	21[illegible]02
KOREA, REP. OF	1355	1516	1456	1580	1295	1604	2058	1908	2699	1931	1405		18807	10484
MALAYSIA	0	95	48	48	0	95	48	48	0	48	48		478	564
MEXICO	303	549	210	502	985	1043	822	800	605	701	466		6986	19780
ROMANIA	448	0	86	664	230	893	0	0	53	0	0		2374	4060
SWITZERLAND	102	21	153	189	123	122	160	127	148	72	159		1376	1016
TAIWAN	1986	1109	1425	1112	1024	1384	549	1172	1321	493	195		11770	21212
UNITED KINGDOM	1604	1503	2175	1920	1777	1745	1184	2046	1495	2501	2655		20605	13339
ALL OTHER COUNTRIES [d]	22	30	12	85	16	25	146	283	49	17	11		696	1348
TOTAL NONCELLULOSIC STAPLE+TOW	**14342**	**14114**	**14856**	**16350**	**18651**	**18740**	**15242**	**19725**	**16045**	**16638**	**13951**		**178654**	**176358**

\+ Less than 1 thousand pounds.

a. United Kingdom 325, Morocco 146, Singapore 108, France 65, Korea, Rep. of 51, Taiwan 20, Norway 12, Italy 7, Australia 3.

b. Austria 111, France 63, Germany, Fed. Rep. of 2, Luxembourg 2, Mexico 2, Belgium 2.

c. Spain 437, Chile 290, Australia 166, Argentina 152, Sweden138, Norway 117, Gibraltor 106, Turkey 87, Luxembourg 82, Switzerland 73, Austria 48, Ecuador 23, China, PRC 20, Hong Kong 13, Thailand 4, Sri Lanka 1.

d. Gibraltar 259, Netherlands 125, Israel 102, New Caledonia 70, Hong Kong 60, Finland 57, Spain 8, China, PRC 6, Egypt 5, Greece 2, Portugal 2, Philippines.

TABLE 10:
U.S. MANUFACTURED FIBER IMPORTS FOR CONSUMPTION
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	+	0	64	18	16	60	56	93	269	495		1071	305
OTHER	310.0130 & .0230[a]	1362	1468	1021	995	1210	1412	1174	1318	1496	945	1451		13852	10140
MONOFILAMENTS	309.0310 & .0610	0	+	0	1	1	0	0	3	1	0	0		6	5
STRIPS, $1/LB & UNDER	309.2000*	11	62	107	72	97	138	0	153	56	90	75		861	208
SUBTOTAL ABOVE		**1373**	**1530**	**1128**	**1132**	**1326**	**1566**	**1234**	**1530**	**1646**	**1304**	**2021**		**15790**	**10658**
STAPLE	309.4320 & .4325	1182	889	1107	934	1354	1492	1406	2123	1995	1805	2078		16365	12272
GROUPED FILAMENTS	309.3010 & .3310	54	1	111	14	134	151	226	137	162	232	79		1301	793
SUBTOTAL ABOVE		**1236**	**890**	**1218**	**948**	**1488**	**1643**	**1632**	**2260**	**2157**	**2037**	**2157**		**17666**	**13065**
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	0	1	4	0	0	0	0	0	0	0	0		5	58
NONCELLULOSIC FIBER															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450 DENIER	310.0107 & .0207	341	297	204	271	150	176	175	235	223	289	160		2521	1894
450 DENIER AND OVER	310.0108 & .0208	1503	1643	1531	2018	1472	1080	1980	1799	1177	1062	1029		16294	25686
- POLYESTER	310.0110 & .0210	989	1368	1024	881	1327	1749	1054	1116	1363	1387	1685		13943	13951
- OTHER	310.0114 & .0214	2158	1829	2816	1920	1882	1811	2234	2290	2567	2558	1965		24030	21251
OTHER - NYLON	310.0149 & .0249	1154	1567	1386	1249	1672	1267	1226	1732	1463	1335	1820		15871	21748
- POLYESTER	310.0150 & .0250	2153	1631	1733	1657	1707	1719	1992	1964	1920	1476	1803		19755	17825
- OTHER	310.0170 & .0270[b]	762	1085	876	922	469	453	418	493	658	680	783		7599	6155
MONOFILAMENTS	309.0200 & .0330[c]	381	384	307	374	454	483	418	510	355	357	298		4321	3483
STRIPS, OVER $1/LB	309.2100 & .2500*	177	196	322	273	431	270	285	266	274	273	291		3058	2329
SUBTOTAL ABOVE		**9618**	**10000**	**10199**	**9565**	**9564**	**9008**	**9782**	**10405**	**10000**	**9417**	**9834**		**107392**	**114322**
STAPLE - NYLON	309.4331 & .4351	1696	1306	1915	2115	1707	1284	1468	1724	2177	2636	1842		19870	37170
- POLYESTER	309.4336 & .4361	4653	5670	4716	4933	7498	8268	6130	8251	7923	5495	4019		67556	66592
- ACRYLIC	309.4366	1214	953	1179	1399	1647	1377	1257	1513	533	1308	1252		13632	14532
- OLEFIN	309.4371	83	104	534	499	165	174	40	99	0	167	207		2072	491
- OTHER	309.4341 & .4390	1350	1625	1750	2008	969	1908	1239	1632	1279	1694	1167		16621	12035
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3713	2877	3289	3285	4091	3619	3596	3785	2430	2612	2879		36176	29715
POLYESTER	309.3040 & .3340	441	215	65	421	304	377	426	701	278	602	342		4172	2799
ACRYLIC	309.3050 & .3350	1086	1331	1249	1664	1631	1702	992	1855	1348	1939	2113		16910	11503
OTHER	309.3065 & .3365	106	33	159	26	639	31	94	165	77	185	130		1645	1521
SUBTOTAL ABOVE		**14342**	**14114**	**14856**	**16350**	**18651**	**18740**	**15242**	**19725**	**16045**	**16638**	**13951**		**178654**	**176358**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2940	1991	1933	1842	2391	2267	1716	1344	1323	1423	1853		21023	25078
- POLYESTER	309.6630	550	486	1073	637	470	1233	716	500	1153	933	1333		9084	8711
- ACRYLIC	309.6645	0	0	21	110	0	2	0	0	0	2	32		167	289
- OTHER	309.6660	221	273	392	157	271	260	101	241	194	256	182		2548	4600
NOILS & GARNETTED FIBERS	309.7000*	76	0	0	33	0	0	0	0	0	0	0		109	62
OTHER WASTE, ADVANCED	309.7525 - .7555	596	596	637	323	366	280	286	435	565	393	289		4766	5199
SUBTOTAL ABOVE		**4383**	**3346**	**4056**	**3102**	**3498**	**4042**	**2819**	**2520**	**3235**	**3007**	**3689**		**37697**	**43939**
TOTAL MANUFACTURED ABOVE		**30952**	**29881**	**31461**	**31097**	**34527**	**34999**	**30709**	**36440**	**33083**	**32403**	**31652**		**357204**	**358400**
OTHER MANUFACTURED FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	0	0	0	0	0	0	0		+	5
- NONCELLULOSIC	310.1015[d]& .1205[e]	340	167	184	216	276	176	197	156	122	199	124		2157	3753
OTHER - CELLULOSIC	310.1030 & .1535[f]	15	21	34	34	19	22	16	42	50	79	30		362	518
- NONCELLULOSIC	310.1050 & .1070[g]	262	252	311	288	365	311	285	345	313	332	3169		6233	2995
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	62	95	122	20	109	74	112	47	49	70	35		795	1417
- OTHER	310.4015 & .4027[i]	2494	1488	1795	1424	2191	2829	1836	2062	1998	1207	1332		20656	34887
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	1966	1941	1513	1955	1641	1113	2984	995	1478	2754	2539		20879	25857
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310[j]	598	872	539	584	662	783	628	555	646	496	621		6984	8144
SLIVER, TOPS & ROVING	309.9000	271	287	351	530	234	181	359	398	63	161	530		3365	5372
GLASS FIBER	309.2800 & .2900[k]	2526	2429	2602	2286	2271	2344	2110	2469	1927	2373	1530		24867	27225
GRAND TOTAL ABOVE		**39486**	**37433**	**38912**	**38434**	**42295**	**42832**	**39236**	**43509**	**39729**	**40074**	**41562**		**443502**	**468573**

SOURCE: U.S. Census Bureau Report IM145X.

NES Not elsewhere specified.

\+ Less than 1 thousand pounds.

* These items are not reported by the Census Bureau as cellulosic vs. noncellulosic. Separation of cellulosic and noncellulosic quantities are estimated, based primarily on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210.

f. Also includes 310.2110.

g. Also includes 310.1510, .1514, .1550, 1555, .1570, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 11:
U.S. EXPORTS OF MANUFACTURED FIBER
THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1988	1987
CELLULOSIC FIBER															
FILAMENT YARN [a]															
TEXTURED	310.0004	27	2	6	31	61	5	11	59	10	5	4		221	571
OTHER [b]	310.0026	683	991	556	1220	1231	1269	582	1212	1765	730	781		11020	4765
MONOFILAMENTS	309.0110	89	36	5	36	9	45	0	28	9	0	0		257	244
STRIPS	309.2210	0	23	0	0	10	2	0	1	0	25	31		92	82
SUBTOTAL ABOVE		799	1052	567	1287	1311	1321	593	1300	1784	760	816		11590	5662
STAPLE+TOW-RAYON	309.4222	1019	1907	1702	1468	2682	2250	1615	2034	2492	2145	1138		20452	32119
STAPLE-ACETATE	309.4219	89	66	309	329	146	97	209	126	374	318	368		2431	1602
SUBTOTAL ABOVE		1108	1973	2011	1797	2828	2347	1824	2160	2866	2463	1506		22883	33721
WASTE, ADVANCED & NOT ADVANCED	309.7400	143	251	198	86	263	42	432	235	80	97	50		1877	1049
NONCELLULOSIC FIBER															
YARN - SINGLES															
NYLON - TEXTURED	310.0005 & .0007	3651	4775	4929	3355	4209	4685	5391	3916	5626	5748	4030		50315	31355
- HIGH TENACITY [c]	310.0027	8372	8470	8040	6580	6438	6533	8344	4836	10656	7160	6374		81803	72432
- OTHER	310.0029	786	1111	904	1188	1068	819	1072	978	841	1147	973		10885	8405
POLYESTER - TEXTURED	310.0010	1739	2796	3405	2979	3311	2690	2371	5279	4051	2877	4547		36045	23506
- HIGH TENACITY [c]	310.0032	1421	1817	2189	2281	2706	2059	2534	2410	3092	2550	2235		25294	23345
- OTHER [d]	310.0034	207	225	265	284	135	68	239	134	55	278	921		2811	1630
OTHER - TEXTURED	310.0014	1067	1904	2220	1725	2118	1459	1720	1640	1879	2382	1825		19939	16187
- OLEFIN	310.0040	83	626	121	143	161	160	258	322	330	187	383		2774	717
- OTHER	310.0044	360	729	886	802	688	699	507	468	381	438	541		6499	6182
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	658	728	515	983	523	623	289	649	399	488	289		6144	6304
POLYESTER	309.0140	1641	1789	2345	1784	1871	1713	1992	1990	1345	1514	1650		19634	11390
OTHER	309.0170	680	901	768	769	847	603	553	705	754	964	630		8174	6776
STRIPS	309.2220 & .2270	415	192	277	442	454	394	346	377	340	195	507		3939	4349
SUBTOTAL ABOVE		21080	26063	26864	23313	24529	22505	25616	23704	29749	25928	24905		274256	212578
STAPLE - NYLON	309.4240	2423	1511	1760	981	1387	1491	1575	2125	2280	1867	1725		19125	20858
- POLYESTER	309.4242	13519	7586	10316	10132	11435	11625	13750	11140	12917	16383	12602		131405	156851
- ACRYLIC	309.4245	17224	11389	16118	7723	12187	4510	8350	11085	13735	10212	10364		122897	57091
- OLEFIN	309.4246	1488	1604	2696	2137	1784	1876	1683	561	1102	1341	1312		17584	19569
- OTHER	309.4247	1228	1696	3193	1951	2312	2229	1358	2437	2178	2065	1988		22635	33266
GROUPED FILAMENTS															
NYLON	309.3220	693	497	469	339	601	746	639	761	632	725	389		6491	5070
POLYESTER [d]	309.3240	2108	1330	2067	794	2046	1953	1230	1764	1740	1953	1746		18731	18618
ACRYLIC	309.3250 & .3255	4967	2172	3809	2267	3498	2338	3049	1753	2746	3452	1510		31561	23102
SUBTOTAL ABOVE		43650	27785	40428	26324	35250	26768	31634	31626	37330	37998	31636		370429	334425
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	685	1210	1189	1492	1287	2199	1489	1661	1596	1252	3185		17245	10598
- POLYESTER	309.7630	3959	4435	6616	4231	4813	5219	3829	6994	6607	4901	6127		57731	51900
- ACRYLIC	309.7640	312	1219	923	676	970	795	671	597	620	607	529		7919	8646
- OTHER	309.7660	3765	3582	3138	3474	3605	3309	3019	3970	4094	6985	5087		44028	33040
SUBTOTAL ABOVE		8721	10446	11866	9873	10675	11522	9008	13222	12917	13745	14928		126923	104184
TOTAL MANUFACTURED ABOVE		75501	67570	81934	62680	74856	64505	69107	72247	84726	80991	73841		807958	691619
GLASS FIBER	309.2700 & .9700	8813	9352	9114	8934	7139	8164	9712	9075	8429	9290	8716		96738	77468
GRAND TOTAL ABOVE		84314	76922	91048	71614	81995	72669	78819	81322	93155	90281	82557		904696	769087

SOURCE: U.S. Census Bureau Report EM522.

a. Includes singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord.

c. Includes a undetermined amount of noncellulosic tire cord.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 12:
1987 MANUFACTURED FIBER PRODUCTION, IMPORT, EXPORT & NET AVAILABLE SUPPLY BY COUNTRY EXCEPT OLEFIN & GLASS FIBER

MILLION POUNDS

	CELLULOSIC								NONCELLULOSIC								TOTAL MANUFACTURED FIBERS					
	YARN				STAPLE+TOW				YARN				STAPLE+TOW							CELL	NC	NET
COUNTRY & AREA	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	SPUN	SPUN	AVAIL
WESTERN EUROPE																						
AUSTRIA	NA	11.6	0.1	NA	NA	8.9	132.4	NA	0	44.5	6.5	38.0	31.1	46.4	41.0	36.5	295.7	111.4	180.0	-43.7	-18.7	164.7
BENELUX	NA	27.2	80.7	NA	NA	95.7	8.6	NA	163.1	335.4	270.8	227.7	72.8	262.0	129.1	205.7	324.1	720.3	489.2	+20.5	+49.9	625.6
FINLAND	NA	1.6	+	NA	NA	7.1	112.1	NA	1.1	25.5	0.2	26.4	0	34.7	0.1	34.6	120.1	68.9	112.4	+1.4	+9.7	87.7
FRANCE	NA	55.0	24.3	NA	NA	50.9	37.3	NA	114.6	200.8	122.2	193.2	235.9	259.4	155.9	339.4	401.2	566.1	339.7	+19.9	+35.4	682.9
GERMANY, FED. REP.	NA	47.6	69.5	NA	NA	94.4	86.2	NA	783.3	201.7	614.6	370.4	901.0	309.9	828.8	382.1	1944.4	653.6	1599.1	+2.4	-17.0	984.3
GREECE	NA	0.7	10.0	NA	NA	17.8	0.1	NA	17.6	13.3	10.8	20.1	22.0	46.1	13.0	55.1	56.8	77.9	33.9	-1.6	+26.9	126.1
IRELAND	0	1.1	0.1	1.0	0	7.4	0.2	7.2	26.5	21.1	46.2	1.4	138.9	12.6	90.5	61.0	165.4	42.2	137.0	+2.3	+4.2	77.1
ITALY/MALTA	NA	54.1	12.9	NA	NA	105.0	3.8	NA	377.0	180.9	248.3	309.6	866.4	373.8	593.7	646.5	1307.8	713.8	858.7	+11.8	-101.8	1072.9
NORWAY	NA	0.3	+	NA	0	5.0	0.2	4.8	0	10.5	2.2	8.3	0	8.5	0.3	8.2	0	24.3	2.7	+0.3	+2.4	24.3
PORTUGAL	NA	5.5	1.0	NA	NA	19.0	0.7	NA	0	55.1	4.1	51.0	133.4	37.3	8.3	162.4	136.0	116.9	14.1	-0.5	+7.7	246.0
SPAIN	NA	15.8	5.9	NA	NA	33.6	16.2	NA	174.6	60.4	27.0	208.0	405.2	154.0	193.4	365.8	659.2	263.8	242.5	-0.5	-26.9	653.1
SWEDEN	NA	3.5	0.9	NA	NA	8.9	40.2	NA	0	30.5	0.9	29.6	0	31.8	0.7	31.1	50.7	74.7	42.7	+0.9	+8.8	92.4
SWITZERLAND	0	4.0	1.5	2.5	0	18.2	0.1	18.1	149.5	20.4	156.9	13.0	48.7	29.6	73.9	4.4	198.2	72.2	232.4	-2.1	+1.8	37.7
TURKEY	NA	0.5	0.1	NA	NA	0.1	0.4	NA	160.9	80.6	32.3	209.2	412.3	57.4	77.5	392.2	590.8	138.6	110.3	-1.5	-37.7	579.9
UNITED KINGDOM	NA	25.9	30.6	NA	NA	64.7	93.3	NA	179.5	289.5	106.8	362.2	268.1	269.3	99.0	438.4	568.9	649.4	329.7	+4.9	+87.1	980.6
TOTAL WESTERN EUROPE	410.5	254.4	237.6	427.3	725.3	536.7	531.8	730.2	2147.7	1570.2	1649.8	2068.1	3535.8	1932.8	2305.2	3163.4	6819.3	4294.1	4724.4	+14.5	+31.8	6435.3
EASTERN EUROPE																						
ALBANIA	0	0	0	0	0	0	0	0	1.1	0.1	0	1.2	0	0.1	0	0.1	1.1	0.2	0	0	0	1.3
BULGARIA	9.5	0	0	9.5	84.7	0.6	3.9	81.4	86.2	3.5	+	89.7	96.3	8.5	0.9	103.9	276.7	12.6	4.8	+	0	284.5
CZECHOSLOVAKIA	47.2	0.1	0.7	46.6	90.4	+	2.2	88.2	175.5	7.0	12.5	170.0	115.3	6.1	3.1	118.3	428.4	13.2	18.5	+	+3.9	427.0
GERMANY, DEM. REP.	79.1	1.1	+	80.2	204.1	0.6	18.5	186.2	171.7	1.9	3.8	169.8	182.3	7.4	9.0	180.7	637.2	11.0	31.3	+2.7	+12.3	631.9
HUNGARY	0	0.9	0.1	0.8	12.3	0.6	5.3	7.6	15.0	16.9	1.3	30.6	37.3	14.6	0.3	51.6	64.6	33.0	7.0	-0.1	+0.3	90.8
POLAND	41.9	+	+	41.9	118.6	1.4	0.4	119.6	191.8	10.2	1.3	200.7	141.3	24.9	2.5	163.7	493.6	36.5	4.2	+	+1.5	527.4
ROMANIA	19.8	0	0.1	19.7	125.7	0	10.4	115.3	131.2	0.2	5.3	126.1	313.9	0.1	36.9	277.1	590.6	0.3	52.7	-0.1	-7.5	530.6
U.S.S.R.	543.4	11.2	0.2	554.4	760.6	17.0	0.1	777.5	959.0	55.9	0.2	1014.7	884.0	48.1	7.9	924.2	3147.0	132.2	8.4	+	+10.2	3281.0
YUGOSLAVIA	29.3	0.2	2.3	27.2	110.2	0.3	19.8	90.7	97.0	19.4	10.2	106.2	140.9	10.2	52.6	98.5	377.4	30.1	84.9	-10.0	-1.5	311.1
TOTAL EASTERN EUROPE	770.2	13.5	3.4	780.3	1506.6	20.5	60.6	1466.5	1828.5	115.1	34.6	1909.0	1911.3	120.0	113.2	1918.1	6016.6	269.1	211.8	-7.5	+19.2	6085.6
TOTAL EUROPE	1180.7	267.9	241.0	1207.6	2231.9	557.2	592.4	2196.7	3976.2	1685.3	1684.4	3977.1	5447.1	2052.8	2418.4	5081.5	12835.9	4563.2	4936.2	+7.0	+51.0	12520.9
U.S.A.	191.1	12.8	6.4	197.5	414.3	13.8	34.5	393.6	2875.9	117.1	222.9	2770.1	3945.7	194.2	344.5	3795.4	7427.0	337.9	608.3	+0.7	-3.6	7153.7
OTHER AMERICAS																						
ARGENTINA	6.6	+	0	6.6	7.3	0.1	0	7.4	62.6	0.8	0.2	63.2	64.8	4.0	0	68.8	141.3	4.9	0.2	0	0	146.0
BOLIVIA	0	0.1	0	0.1	0	0	0	0	0	0.4	0	0.4	0	4.8	0	4.8	0	5.3	0	0	0	5.3
BRAZIL	33.1	1.6	4.0	30.7	74.7	3.3	13.7	64.3	300.3	3.6	2.0	301.9	246.5	1.2	6.4	241.3	654.6	9.7	26.1	+	-15.8	622.4
CANADA	18.7	25.4	17.1	27.0	62.8	4.5	44.0	23.3	157.6	143.1	47.2	253.5	128.3	101.3	18.1	211.5	367.4	274.3	126.4	+0.6	+35.3	551.2
CHILE	2.9	+	0.1	2.8	8.8	3.4	0	12.2	9.7	1.0	0	10.7	6.0	44.6	0	50.6	27.4	49.0	0.1	0	+0.4	76.7
COLOMBIA	4.2	0.1	0	4.3	0	4.6	0	4.6	88.0	1.8	0	89.8	20.9	25.6	0	46.5	113.1	32.1	0	0	0	145.2
COSTA RICA	0	0	0	0	0	+	0	+	9.0	4.5	8.4	5.1	0	3.0	0.1	2.9	9.0	7.5	8.5	0	+0.1	8.1
CUBA	6.0	0	0.1	5.9	19.4	0	0	19.4	0	0.5	0	0.5	0	0	0	0	25.4	0.5	0.1	0	0	25.8
ECUADOR	0	0.2	0	0.2	0	1.7	0	1.7	13.2	2.0	0	15.2	0	16.0	0	16.0	13.2	19.9	0	0	0	33.1
MEXICO	27.1	+	1.5	25.6	0	18.3	+	18.3	326.7	3.8	64.4	266.1	414.0	22.9	58.2	378.7	767.8	45.0	124.1	0	-20.6	668.1
PERU	3.7	+	0	3.7	0	0.4	0	0.4	26.2	2.3	0.4	28.1	74.7	0.6	0	75.3	104.6	3.3	0.4	0	+	107.5
URUGUAY	2.6	0.2	+	2.8	0	5.6	0	5.6	4.4	0.2	0	4.6	7.5	5.2	3.7	9.0	14.5	11.2	3.7	0	0	22.0
VENZUELA	4.9	+	0	4.9	0	21.2	+	21.2	37.0	2.8	0	39.8	14.8	10.0	0	24.8	56.7	34.0	+	0	0	90.7
TOTAL OTHER AMERICAS	109.8	27.6	22.8	114.6	173.0	63.1	57.7	178.4	1034.7	166.8	122.6	1078.9	977.5	239.2	86.5	1130.2	2295.0	496.7	289.6	+0.6	-0.6	2502.1

TABLE 12:
1987 MANUFACTURED FIBER PRODUCTION, IMPORT, EXPORT & NET AVAILABLE SUPPLY BY COUNTRY EXCEPT OLEFIN & GLASS FIBER *(CONTINUED)*

MILLION POUNDS

COUNTRY & AREA	CELLULOSIC								NONCELLULOSIC								TOTAL MANUFACTURED FIBERS					
	YARN				STAPLE+TOW				YARN				STAPLE+TOW							CELL	NC	NET
	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	SPUN	SPUN	AVAIL
JAPAN	219.1	2.6	88.4	133.3	443.3	0.5	200.4	243.4	1342.2	92.6	227.3	1207.5	1613.3	49.9	570.9	1092.3	3617.9	145.6	1087.0	-8.5	-63.6	2604.4
CHINA, PRC	154.3	44.1	0	198.4	308.6	246.9	0	555.5	593.0	178.6	0.5	771.1	1413.1	535.7	0.2	1948.6	2469.0	1005.3	0.7	-12.2	-26.8	3434.6
OTHER ASIA																						
BANGLADESH	10.6	0	0	10.6	2.9	5.1	0	8.0	1.1	1.1	0	2.2	0	1.8	0	1.8	14.6	8.0	0	0	0	22.6
INDIA	109.1	5.1	2.9	111.3	213.3	0.9	+	213.2	312.2	26.6	0.2	338.6	199.1	18.9	0.2	217.8	832.7	51.5	3.3	+	-1.8	879.1
INDONESIA	0	20.5	+	20.5	91.5	3.6	0	95.1	191.8	30.9	4.0	218.7	187.2	62.2	0	249.4	470.5	117.2	4.0	-1.2	-2.9	579.6
KOREA, REP. OF	30.9	31.5	6.1	56.3	0	72.9	0.3	72.6	1055.3	42.8	101.1	997.0	1081.6	124.4	182.8	1023.2	2167.8	271.6	290.3	+6.8	-10.7	2145.2
MALAYSIA	0	0.4	+	0.4	0	9.7	+	9.7	0	1.2	0.7	0.5	85.8	20.2	0.6	105.4	85.8	31.5	1.3	-0.6	-5.7	109.7
PAKISTAN	7.1	5.0	0.1	12.0	0	19.8	+	19.8	61.3	18.2	0.2	79.3	56.0	24.7	0.1	80.6	124.4	67.7	0.4	+0.1	-4.7	187.1
PHILIPPINES	0	0.3	0	0.3	0	46.0	0	46.0	47.4	10.2	+	57.6	28.0	32.4	0.1	60.3	75.4	88.9	0.1	+	-0.5	163.7
SRI LANKA	0	+	0	+	0	3.1	0	3.1	3.3	0.9	0	4.2	0	1.2	0	1.2	3.3	5.2	0	0	0	8.5
TAIWAN	5.3	4.8	3.7	6.4	258.4	17.9	13.6	262.7	1576.5	47.0	563.6	1059.9	1490.8	165.4	409.1	1247.1	3331.0	235.1	990.0	-3.5	-165.2	2407.4
THAILAND	0	0.4	+	0.4	47.2	0.8	0	48.0	113.1	4.9	1.6	116.4	148.1	24.3	0	172.4	308.4	30.4	1.6	-4.4	-3.0	329.8
TOTAL OTHER ASIA	163.0	68.0	12.8	218.2	612.3	179.8	13.9	778.2	3362.0	183.8	671.4	2874.4	3276.6	475.5	592.9	3159.2	7413.9	907.1	1291.0	-2.8	-194.5	6832.7
MIDDLE EAST, AFRICA & OCEANIA																						
AUSTRALIA/N.Z.	0	1.7	+	1.7	0	3.3	0.1	3.2	39.9	34.6	+	74.5	2.4	33.0	0.5	34.9	42.3	72.6	0.6	0	+12.1	126.4
EGYPT	15.4	0.3	+	15.7	10.6	0.1	2.1	8.6	15.2	9.6	0	24.8	70.8	2.1	24.8	48.1	112.0	12.1	26.9	+0.1	-10.5	86.8
IRAN	0	0.1	0	0.1	0	0.1	0	0.1	20.9	0.3	0	21.2	57.1	27.8	0.2	84.7	78.0	28.3	0.2	0	0	106.1
IRAQ	6.8	0.4	0	7.2	12.1	0.1	0	12.2	0	0.5	0	0.5	0	0.9	0	0.9	18.9	1.9	0	+0.2	0	21.0
ISRAEL	0	0.4	0.3	0.1	0	0.3	0	0.3	25.4	31.9	14.3	43.0	16.3	19.9	10.7	25.5	41.7	52.5	25.3	+0.6	+0.7	70.2
KENYA	0	0	0	0	0	2.5	0	2.5	11.0	0.2	0	11.2	2.4	6.3	0	8.7	13.4	9.0	0	+0.2	+	22.6
NIGERIA	0	0.2	0	0.2	0	2.9	0	2.9	8.8	2.0	0	10.8	6.8	14.2	0	21.0	15.6	19.3	0	0	+0.1	35.0
SOUTH AFRICA	0	0.3	+	0.3	0	1.6	0	1.6	125.2	14.4	8.4	131.2	65.9	56.6	0.2	122.3	191.1	72.9	8.6	+0.2	-1.1	254.5
TANZANIA	0	0	0	0	0	0	0	0	6.6	0.3	0	6.9	0	0.1	0	0.1	6.6	0.4	0	0	0	7.0
TOTAL M.E., A. & O.	22.2	3.4	0.3	25.3	22.7	10.9	2.2	31.4	253.0	93.8	22.7	324.1	221.7	160.9	36.4	346.2	519.6	269.0	61.6	+1.3	+1.3	729.6
TOTAL ALL COUNTRIES	2040.2	426.4	371.7	2094.9	4206.1	1072.2	901.1	4377.2	13437.0	2518.0	2951.8	13003.2	16895.0	3708.2	4049.8	16553.4	36578.3	7724.8	8274.4	-13.9	-236.8	35778.0

Explanation of this table can be found below.
NA Not Available.
\+ Less than 100 thousand pounds.

NET AVAILABLE SUPPLY

The 1987 by-country production, import, export and net available or retained supply of four categories of manufactured fiber are presented in millions of pounds in Table 12. The data in Table 12 exclude acetate cigarette tow and include imports and exports of tire cord and tire cord fabric.

"Net Available Supply" is defined as production plus imports less exports plus the balance of trade in spun yarn. Sometimes this is called **"apparent consumption"**. **"Yarn"** is defined to include tire cord and tire cord fabric, filament yarn and monofilaments. **"Staple"** is defined to include tow, fiberfill, tops and advanced waste. Unprocessed waste is not included.

Except for spun yarns, the imports and exports of manufactured and semimanufactured products (e.g., fabric, dresses, hosiery, etc.) are not included in the manufactured fiber data.

The spun yarn data are shown under the **"Total Manufactured Fiber"** columns in Table 12. Space does not permit the presentation of import and export data separately. These data may include some quantities of blending fibers other than manufactured fiber.

A net import quantity is shown in the **"spun"** column as (+); in other words, an addition to a country's net available supply, while conversally a net export is shown as (-). For example, the 1987 cellulosic spun net yarn figure for Japan is shown as -8.5, which consists of imports of 0.4 (+0.4) and exports of 8.5 (-8.5).

TABLE 13:
1987 MILL CONSUMPTION OF MANUFACTURED FIBER, COTTON & WOOL IN SELECTED COUNTRIES (EXCLUDING OLEFIN & GLASS FIBER)

MILLION POUNDS

COUNTRY	MANUFACTURED FIBER[a]	COTTON[b]	WOOL[c]	TOTAL
WESTERN EUROPE				
AUSTRIA	164.7	46.3	10.9	221.9
BELGIUM/NETHERLANDS	625.6	132.3	59.9	817.8
FINLAND	87.7	13.2	3.2	104.1
FRANCE	682.9	346.1	78.8	1107.8
GERMANY, FED. REP.	984.3	535.7	138.3	1658.3
GREECE	126.1	414.5	29.7	570.3
IRELAND	77.1	55.1	11.1	143.3
ITALY/MALTA	1072.9	683.4	309.1	2065.4
NORWAY	24.3	4.4	6.6	35.3
PORTUGAL	246.0	392.4	27.4	665.8
SPAIN	653.1	324.1	54.9	1032.1
SWEDEN	92.4	11.0	0.7	104.1
SWITZERLAND	37.7	145.5	22.2	205.4
TURKEY	579.9	1080.3	99.0	1759.2
UNITED KINGDOM	980.6	110.2	191.8	1282.6
TOTAL WESTERN EUROPE	**6435.3**	**4294.5**	**1043.6**	**11773.4**
EASTERN EUROPE				
ALBANIA	1.3	17.6	d	18.9
BULGARIA	284.5	119.0	34.6	438.1
CZECHOSLOVAKIA	427.0	299.8	49.1	775.9
GERMANY, DEM. REP.	631.9	220.5	40.7	893.1
HUNGARY	90.8	136.7	17.3	244.8
POLAND	527.4	350.5	53.8	931.7
ROMANIA	530.6	235.9	54.5	821.0
U.S.S.R.	3281.0	4572.3	700.2	8553.5
YUGOSLAVIA	311.1	253.5	63.1	627.7
TOTAL EASTERN EUROPE	**6085.6**	**6205.8**	**1013.3**	**13304.7**
TOTAL EUROPE	**12520.9**	**10500.3**	**2056.9**	**25078.1**
U.S.A.	**7153.7**	**3575.9**	**148.1**	**10877.7**
OTHER AMERICAS				
ARGENTINA	146.0	282.2	70.7	498.9
BOLIVIA	5.3	24.3	11.1	40.7
BRAZIL	622.4	1673.3	13.8	2309.5
CANADA	551.2	94.8	15.3	661.3
CHILE	76.7	28.7	13.6	119.0
COLUMBIA	145.2	180.8	9.3	335.3
COSTA RICA	8.1	4.4	d	12.5
CUBA	25.8	108.0	d	133.8
ECUADOR	33.1	28.7	d	61.8
MEXICO	668.1	264.6	12.7	945.4
PERU	107.5	176.4	9.4	293.3
URUGUAY	22.0	4.4	18.1	44.5
VENEZUELA	90.7	63.9	d	154.6
TOTAL OTHER AMERICAS	**2502.1**	**2934.5**	**174.0**	**5610.6**

TABLE 13:
1987 MILL CONSUMPTION OF MANUFACTURED FIBER, COTTON & WOOL IN SELECTED COUNTRIES *(CONTINUED)*

MILLION POUNDS

COUNTRY	MANUFACTURED FIBER[a]	COTTON[b]	WOOL[c]	TOTAL
JAPAN	**2604.4**	**1646.8**	**279.5**	**4530.7**
CHINA, PRC	**3434.6**	**9843.5**	**511.8**	**13789.9**
OTHER ASIA				
BANGLADESH	22.6	114.6	d	137.2
INDIA	879.1	3776.5	72.8	4728.4
INDONESIA	579.6	396.8	d	976.4
KOREA, REP. OF	2145.2	899.5	102.0	3146.7
MALAYSIA	109.7	70.5	d	180.2
PAKISTAN	187.1	1541.0	57.5	1785.6
PHILIPPINES	163.7	97.0	d	260.7
SRI LANKA	8.5	19.8	d	28.3
TAIWAN	2407.4	970.0	55.7	3433.1
THAILAND	329.8	584.2	d	914.0
TOTAL OTHER ASIA	**6832.7**	**8469.9**	**288.0**	**15590.6**
MIDDLE EAST, AFRICA & OCEANIA				
AUSTRALIA/NEW ZEALAND	126.4	48.5	99.3	274.2
EGYPT	86.8	665.8	12.5	765.1
IRAN	106.1	253.5	40.6	400.2
IRAQ	21.0	59.5	17.8	98.3
ISRAEL	70.2	35.3	2.9	108.4
KENYA	22.6	26.5	0.0	49.1
NIGERIA	35.0	99.2	0.0	134.2
SOUTH AFRICA	254.5	169.8	29.8	454.1
TANZANIA	7.0	30.9	0.0	37.9
TOTAL M.E., A. & O.	**729.6**	**1389.0**	**202.9**	**2321.5**
TOTAL ALL COUNTRIES	**35778.0**	**38359.9**	**3661.2**	**77799.1**

a. Manufactured fiber data are from Table 12, pages 14 & 15, this issue. The data show the manufactured net available supply, which approximates mill consumptions.

b. **Source**: *International Cotton Advisory Committee, October 1988 issue.* Cotton refers to ginned raw cotton. It does not refer to waste or cotton fibers subjected to any other process. Data are for the cotton year ending July 31, 1987.

c. **Source:** *Commonwealth Secretariat.* Wool refers to virgin wool, clean basis, at the spinning stage.

d. Represents minimal quantity, with exact amount not reported.

TABLE 14:
SELECTED U.S. ANNUAL FIBER DATA
MILLION POUNDS

ITEM	1982	1983	1984	1985	1986	1987	1988
	MANUFACTURED FIBER TOTAL SHIPMENTS [a] [b]						
CELLULOSIC							
YARN	198.8	225.8	198.3	210.1	212.3	191.7	216.7
RAYON STAPLE	360.2	377.4	384.0	358.7	403.8	415.5	406.5
TOTAL CELLULOSIC	**559.0**	**603.2**	**582.3**	**568.8**	**616.1**	**607.2**	**623.2**
NONCELLULOSIC							
YARN+MONOFILAMENTS							
NYLON[c] - INDUSTRIAL[d]	324.5	318.1	375.1	345.1	333.4	373.4	375.2
- CARPET	582.1	762.6	794.9	835.4	898.5	941.6	976.2
- TEXTILE[e]	361.1	416.9	387.4	355.3	360.5	378.8	386.9
POLYESTER - INDUSTRIAL[d]	288.0	307.8	313.1	292.1	313.9	338.8	358.7
- TEXTILE[e]	949.5	1053.1	885.0	1020.4	855.8	841.5	871.9
OLEFIN[f]	592.3	714.2	742.1	951.1	1059.7	1143.8	1191.3
TOTAL YARN	**3097.5**	**3572.7**	**3497.6**	**3799.4**	**3821.8**	**4017.9**	**4160.2**
STAPLE+TOW+FIBERFILL							
NYLON	689.9	911.2	831.3	843.6	908.2	985.5	963.9
ACRYLIC+MODACRYLIC	632.2	654.7	666.2	643.8	614.1	594.4	590.2
POLYESTER	1941.6	2197.8	2192.4	2038.6	2123.4	2369.2	2449.1
OLEFIN[g]	143.8	189.7	246.7	288.2	331.5	363.9	363.7
TOTAL STAPLE	**3407.5**	**3953.4**	**3936.6**	**3814.2**	**3977.2**	**4313.0**	**4366.9**
TOTAL NONCELLULOSIC	**6505.0**	**7526.1**	**7434.2**	**7613.6**	**7799.0**	**8330.9**	**8527.1**
TOTAL MANUFACTURED FIBER	**7064.0**	**8129.3**	**8016.5**	**8182.4**	**8415.1**	**8938.1**	**9150.3**
	MANUFACTURED FIBER YEAR END STOCK						
CELLULOSIC							
YARN	10.7	12.5	12.4	12.3	14.8	14.2	11.4
RAYON STAPLE	25.9	23.3	28.5	22.5	22.4	20.7	14.0
TOTAL CELLULOSIC	**36.6**	**35.8**	**40.9**	**34.8**	**37.2**	**34.9**	**25.4**
NONCELLULOSIC							
YARN+MONOFILAMENTS							
NYLON[c] - INDUSTRIAL[d]	27.0	23.8	27.4	25.5	30.8	20.9	22.3
- CARPET	54.8	54.0	63.0	46.4	54.7	65.4	57.3
- TEXTILE[e]	44.4	43.0	50.3	47.8	47.3	49.9	45.5
POLYESTER - INDUSTRIAL[d]	27.2	18.7	22.1	24.2	29.4	27.8	35.0
- TEXTILE[e]	71.8	78.9	77.4	83.7	81.5	81.5	70.9
OLEFIN[f]	54.6	56.5	61.5	64.9	62.9	52.9	53.1
TOTAL YARN	**279.8**	**274.9**	**301.7**	**292.5**	**306.6**	**298.4**	**284.1**
STAPLE+TOW+FIBERFILL							
NYLON	59.9	75.1	78.6	62.7	62.8	69.7	44.4
ACRYLIC+MODACRYLIC	57.0	72.8	77.4	64.4	66.2	63.3	61.2
POLYESTER	187.8	174.1	173.5	155.0	163.9	156.5	159.4
OLEFIN[g]	20.1	20.0	23.2	29.7	33.5	30.1	30.3
TOTAL STAPLE	**324.8**	**342.0**	**352.7**	**311.8**	**326.4**	**319.6**	**295.3**
TOTAL NONCELLULOSIC	**604.6**	**616.3**	**654.4**	**604.3**	**633.0**	**618.0**	**579.4**
TOTAL MANUFACTURED FIBER	**641.2**	**652.7**	**695.3**	**639.1**	**670.2**	**652.9**	**604.8**

a. The annual production of each fiber may be calculated as total shipments plus a stock increase or less a stock decrease from the previous year.
b. Producers' total domestic shipments plus export shipments.
c. 1982 data include Aramid.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Includes low denier industrial yarn.
f. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
g. Includes Vinyon until 1987.

TABLE 15:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1988 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1988	1987
MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]														
CELLULOSIC														
YARN	15.9	16.1	18.1	19.4	18.3	17.5	19.1	18.6	18.1	18.6	17.0	20.0	216.7	191.7
RAYON STAPLE	32.6	35.9	38.5	35.5	36.4	36.2	29.1	36.1	34.3	34.8	29.1	28.0	406.5	415.5
TOTAL CELLULOSIC	**48.5**	**52.0**	**56.6**	**54.9**	**54.7**	**53.7**	**48.2**	**54.7**	**52.4**	**53.4**	**46.1**	**48.0**	**623.2**	**607.2**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	27.5	32.1	34.8	32.2	30.8	32.4	32.4	28.8	29.2	29.9	33.7	31.4	375.2	373.4
- CARPET	72.6	80.7	84.6	80.7	81.9	79.3	73.7	89.4	87.1	87.8	82.2	76.2	976.2	941.6
- TEXTILE[f]	30.0	31.2	33.9	31.7	32.0	32.5	27.7	32.3	32.0	32.9	34.0	36.7	386.9	378.8
POLYESTER - INDUSTRIAL[d]	26.5	29.3	30.7	31.3	29.4	32.3	29.3	29.0	29.5	31.4	28.7	31.3	358.7	338.8
- TEXTILE[f]	62.9	68.4	67.7	74.3	71.9	70.5	70.2	66.7	69.1	77.7	79.0	93.5	871.9	841.5
OLEFIN[e]	97.2	101.4	102.4	102.7	102.9	102.8	89.0	99.6	105.1	99.6	95.6	93.0	1191.3	1143.8
TOTAL YARN	**316.7**	**343.1**	**354.1**	**352.9**	**348.9**	**349.8**	**322.3**	**345.8**	**352.0**	**359.3**	**353.2**	**362.1**	**4160.2**	**4017.9**
STAPLE+TOW+FIBERFILL														
NYLON	78.4	81.7	83.6	71.0	77.9	79.3	75.0	90.2	81.3	89.6	77.9	78.0	963.9	985.5
ACRYLIC+MODACRYLIC	48.5	52.8	55.4	45.4	45.6	47.4	42.1	53.2	51.8	48.8	50.1	49.1	590.2	594.4
POLYESTER	190.4	200.4	195.3	212.1	195.8	195.7	190.9	195.7	203.1	228.3	209.0	232.4	2449.1	2369.2
OLEFIN	29.1	29.6	30.7	29.8	31.2	32.4	26.9	32.1	30.2	29.2	33.0	29.5	363.7	363.9
TOTAL STAPLE	**346.4**	**364.5**	**365.0**	**358.3**	**350.5**	**354.8**	**334.9**	**371.2**	**366.4**	**395.9**	**370.0**	**389.0**	**4366.9**	**4313.0**
TOTAL NONCELLULOSIC	**663.1**	**707.6**	**719.1**	**711.2**	**699.4**	**704.6**	**657.2**	**717.0**	**718.4**	**755.2**	**723.2**	**751.1**	**8527.1**	**8330.9**
TOTAL FIBER	**711.6**	**759.6**	**775.7**	**766.1**	**754.1**	**758.3**	**705.4**	**771.7**	**770.8**	**808.6**	**769.3**	**799.1**	**9150.3**	**8938.1**
MANUFACTURED FIBER END OF MONTH STOCK														
CELLULOSIC														
YARN	12.3	13.3	13.2	14.0	12.8	12.4	13.4	11.6	11.5	12.3	11.2	11.4	11.4	14.2
RAYON STAPLE	23.5	22.5	20.3	18.0	16.5	13.4	15.5	13.7	13.3	12.6	12.5	14.0	14.0	20.7
TOTAL CELLULOSIC	**35.8**	**35.8**	**33.5**	**32.0**	**29.3**	**25.8**	**28.9**	**25.3**	**24.8**	**24.9**	**23.7**	**25.4**	**25.4**	**34.9**
NONCELLULOSIC														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	26.6	25.7	23.5	23.3	25.2	24.7	28.1	30.4	30.5	28.6	23.6	22.3	22.3	20.9
- CARPET	72.0	66.5	67.0	67.1	70.2	71.9	78.0	61.9	58.1	53.3	56.0	57.3	57.3	65.4
- TEXTILE[f]	54.6	53.1	50.0	49.7	51.2	50.4	55.3	55.2	54.6	52.9	50.1	45.5	45.5	49.9
POLYESTER - INDUSTRIAL[d]	29.8	29.2	28.8	29.6	30.5	29.2	33.3	32.4	31.4	30.7	30.1	35.0	35.0	27.8
- TEXTILE[f]	82.5	81.5	79.5	77.3	79.7	82.9	94.4	94.4	90.4	90.0	84.1	70.9	70.9	81.5
OLEFIN[e]	54.4	55.0	53.5	54.1	54.5	54.0	55.3	53.7	52.0	50.6	53.1	53.1	53.1	52.9
TOTAL YARN	**319.9**	**311.0**	**302.3**	**301.1**	**311.3**	**313.1**	**344.4**	**328.0**	**317.0**	**306.1**	**297.0**	**284.1**	**284.1**	**298.4**
STAPLE+TOW+FIBERFILL														
NYLON	63.4	64.7	57.5	64.4	60.5	65.2	66.5	60.6	45.3	39.9	46.7	44.4	44.4	69.7
ACRYLIC+MODACRYLIC	62.4	58.8	55.4	57.9	63.7	67.9	72.8	67.3	62.3	63.1	61.1	61.2	61.2	63.3
POLYESTER	173.7	168.3	157.8	161.8	167.4	173.7	205.7	194.9	188.6	177.5	159.9	159.4	159.4	156.5
OLEFIN	32.5	33.7	35.0	35.8	37.8	36.1	38.5	38.4	32.8	34.1	30.8	30.3	30.3	30.1
TOTAL STAPLE	**332.0**	**325.5**	**305.7**	**319.9**	**329.4**	**342.9**	**383.5**	**361.2**	**329.0**	**314.6**	**298.5**	**295.3**	**295.3**	**319.6**
TOTAL NONCELLULOSIC	**651.9**	**636.5**	**608.0**	**621.0**	**640.7**	**656.0**	**727.9**	**689.2**	**646.0**	**620.7**	**595.5**	**579.4**	**579.4**	**618.0**
TOTAL FIBER	**687.7**	**672.3**	**641.5**	**653.0**	**670.0**	**681.8**	**756.8**	**714.5**	**670.8**	**645.6**	**619.2**	**604.8**	**604.8**	**652.9**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	12.9	11.7	14.1	11.3	11.5	13.5	11.6	9.5	10.4	12.4			118.9	130.2
CARPET CLASS WOOL	1.4	1.5	1.6	1.4	1.4	1.1	1.1	1.4	1.5	1.8			14.2	11.5
TOTAL RAW WOOL	14.3	13.2	15.7	12.7	12.9	14.6	12.7	10.9	11.9	14.2			133.1	141.7
RAW COTTON	300.0	311.4	339.3	278.0	302.6	297.4	226.4	239.7	307.4	272.6			2874.8	3140.7

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.

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- Nylon
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- Glass Fiber
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- Civil Engineering Fabric

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Monthly

- Production
- Domestic Shipments
- Exports
- Inventories
- Industrial Yarn
- Carpet Yarn
- Textile Yarn
- Flat Yarn
- Feed & Producer Textured Yarn
- Shipments by Denier
- Indirect Exports

Quarterly

- Production
- Domestic Shipments
- Imports
- Exports
- Shipments by Denier
- Inventories
- Primary End Use
- Secondary End Use
- Waste Shipments
- Civil Engineering Fabric Shipments

Semiannually & Annually

- Capacities
- Primary End Use Summaries
- Secondary End Use Summaries
- Waste Shipment Summaries
- Imports
- Exports
- Glass Fiber Shipments by State

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